

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/002231

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C08F 220/06, C08F 220/18, C08F 2/22, C08L 27/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C08F 220/06, C08F 220/18, C08F 2/22, C08L 27/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CA-on CD, PAJ, KIPASS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5563227 A (MITSUBISHI RAYON CO) 08 October 1996 see the whole documents	1-10, 12-14
A	EP 0987954 A1(KANEKA CORPORATION) 24 February 1999 see the whole documents	1-14
A	US 5147932 A (ROHM & HAAS) 15 september 1992 see the whole documents	1-14
A	US 6031047 A (ROHM & HAAS) 29 February 2000 see the whole documents	1-14
A	JP 2001-31826 A (MITSUBISHI RAYON CO LTD) 6 February 2001 see the whole documents	1-14

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

20 DECEMBER 2004 (20.12.2004)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR



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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5563227 A	08.10.1996	JP 7150052 A2 JP 2958232 B2 EP 627469 A1 DE 69422335 C0	13.06.1995 06.10.1999 07.12.1994 02.03.2000
EP 0987954 A1	24.02.1999	US 6309739 BA EP 897954 A1 EP 897954 B1 DE 69822054 C0	30.10.2001 24.02.1999 03.03.2004 08.04.2004
US 5147932 A	15.09.1992	None	
US 6031047 A	29.02.2000	EP 927616 A1 JP 11209545 A2 CA 2242039 AA	07.07.1999 03.08.1999 30.06.1999
JP 2001-31826 A	06.02.2001	None	